

# INTERNATIONAL SEARCH REPORT

Internatl. Application No  
PCT/IB 03/01247

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B01D53/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 421 532 A (SACCHETTI MASSIMO ET AL) 20 December 1983 (1983-12-20) claim 1; figure 1 ---	1,6
A	US 4 480 393 A (FLINK LESLIE R ET AL) 6 November 1984 (1984-11-06) column 5, line 1 - line 6; claims 1-3; figure 2 ---	1,6
A	US 5 779 768 A (ANAND MADHU ET AL) 14 July 1998 (1998-07-14) cited in the application column 3, line 50 -column 528; figure 1 ---	1,6
A	DE 195 03 052 A (BRESCH ENTSORGUNG GMBH) 8 August 1996 (1996-08-08) column 2, line 1-42; claims 1,2; figure 1 --- -/--	1,6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

10 June 2003

Date of mailing of the international search report

20/06/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 4 043 770 A (JAKOB FRITZ)  23 August 1977 (1977-08-23)  column 4, line 1 - line 33; figures 1,2  -----</p>	1,6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4421532	A	20-12-1983	IT 1062296 B AT 4780 T CA 1176183 A1 DE 3161028 D1 EP 0046141 A1 ES 8205361 A1	26-06-1984 15-10-1983 16-10-1984 03-11-1983 17-02-1982 01-10-1982
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